

ABSTRACT OF THE DISCLOSURE

In a solid-state image-sensing device, first a switch S_{wa} is turned on to sample and hold an image signal in a capacitor C_a, and then the switch S_{wa} is turned off. Next, a switch S_{wb} is turned on to sample and hold a noise signal in a capacitor C_b, and then the switch S_{wb} is turned off. Next, switches S_{w1a} and S_{w2a} are turned on simultaneously so that the image signal in the capacitor C_a is fed through a buffer 6 to a capacitor C_c, and then the switches S_{w1a} and S_{w2a} are turned off. Then, a switch S_{w3} is turned on to reset the input side of the buffer 6. Next, switches S_{w1b} and S_{w2b} are turned on simultaneously so that the noise signal in the capacitor C_b is fed through the buffer to a capacitor C_d, and then the switches S_{w1b} and S_{w2b} are turned off. Then, the switch S_{w3} is turned on to reset the input side of the buffer 6 again.